

Fig. 1 (PRIOR ART)

SWITCHED MODE VOLTAGE
TRANSFORMER (SPW)
FEED VOLTAGE (U<sub>8</sub>)
FUSE (Si1), (Si2), (Si3)
CONTROLLED SWITCH (SW1)
MEASURING SHUNT (R<sub>M</sub>1)
OUTPUT VOLTAGE (U<sub>A1</sub>), (U<sub>A2</sub>), (U<sub>A3</sub>)
OUTPUT (A<sub>1</sub>), (A<sub>2</sub>), (A<sub>3</sub>)

VOLTAGE (U<sub>13</sub>)
COMPARATOR (KOM)
"AND" GATE (&)
SWITCHING AMPLIFIER (SV3)
MONITORING UNIT (UWE)
LIGHT (L<sub>1</sub>), (L<sub>2</sub>), (L<sub>3</sub>)
REFERENCE VOLTAGE (U<sub>Ref</sub>)

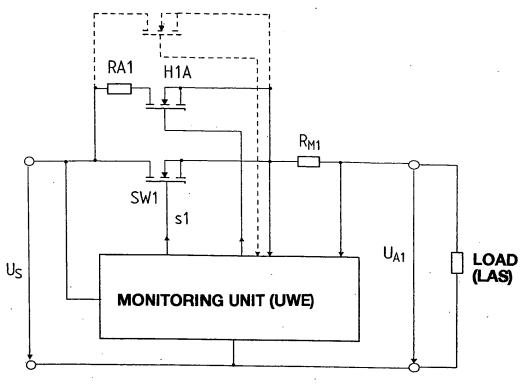
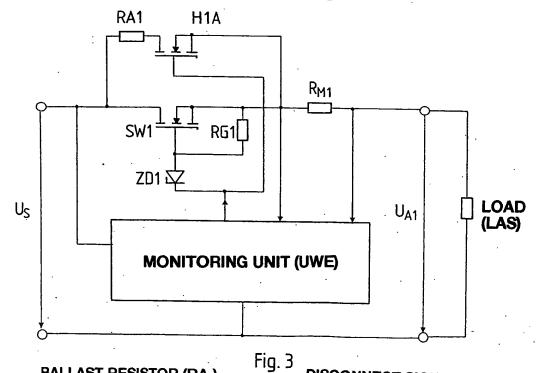


Fig. 2



BALLAST RESISTOR (RA<sub>1</sub>)

AUXILIARY SEMICONDUCTOR

SWITCH (H1A)

RESISTOR (RM<sub>1</sub>)

SEMICONDUCTOR SWITCH (SW<sub>1</sub>)

DISCONNECT SIGNAL (S<sub>1</sub>)
OUTPUT VOLTAGE (UA<sub>1</sub>)
FEED VOLTAGE (U<sub>S</sub>)
ZENER DIODE (ZD<sub>1</sub>)
SERIES RESISTOR (RG<sub>1</sub>)